

EKRAMUL ISLAM SHADIK

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EXPERIENCE

Software Engineer I <i>AntriPe (Python, Django, PostgreSQL, Celery, Channels, Docker)</i>	Oct 2025 – Present Remote
<ul style="list-style-type: none">Designing backend architecture and leading new feature development.Optimizing async pipelines with Celery, Redis, RabbitMQ.Mentoring junior engineers in Django, REST API design, and scalable backend architecture.	
Backend Developer <i>AntriPe (Python, Django, PostgreSQL, Celery, Docker)</i>	Jun 2025 – Sep 2025 Remote
<ul style="list-style-type: none">Developed secure, scalable RESTful APIs and asynchronous services with Celery & Redis.Containerized and deployed apps using Docker with automated CI/CD workflows.	
Research Assistant <i>Computer Vision Lab (Deep Learning, Python)</i>	Jan 2024 – May 2025 University of Rajshahi
<ul style="list-style-type: none">Developed models for license plate detection and recognition in Bangladeshi vehicles & Applied neural networks for OCR on Bengali characters, achieving high recognition accuracy	

TECHNICAL SKILLS

- Languages:** C/C++, Java, Python
- Frameworks & Libraries:** Django, DRF, Channels, Celery, Redis, RabbitMQ
- Databases & Caching:** PostgreSQL, MySQL, Redis
- DevOps & Monitoring:** Docker, Kubernetes, CI/CD, Prometheus, Grafana
- Core:** OOP, DSA, Design Patterns, System Design, API Design

EDUCATION

University of Rajshahi <i>B.Sc. (Engg.) in Information and Communication Engineering</i>	Rajshahi, Bangladesh 2019 – 2024
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PROJECTS

Library Management System	<i>Django, PostgreSQL, JavaScript</i>	Source Code
<ul style="list-style-type: none">Built a full-featured library management platform with book cataloging, user roles, billing, and borrowing management.		
Waste Management System	<i>Django, React, PostgreSQL</i>	Source Code
<ul style="list-style-type: none">Designed a waste management platform for route optimization, user request handling, and recycling analytics.		
License Plate Recognition System	<i>Python, Deep Learning, YOLO</i>	
<ul style="list-style-type: none">Implemented CNN-based detection and OCR models for Bangladeshi license plates with real-time performance.		

ACHIEVEMENTS

- Ranked **13th** in Backend API Battle in Intra University Code Samurai Hackathon 2024
- Finalist** – in Intra University Code Samurai Hackathon 2024 & Top 50 in SOLVIO AI Hackathon 2025
- Competed in **multiple IUPC contests**, solving advanced algorithmic and data structure problems.

GROUPS

- Assistant Joint Secretary, Rajshahi University Programming Club. Managed 6+ contests, mentored 50+ juniors in algorithms and problem-solving.